

Subject Index

Volume 46

- abrin, ricin, immunotoxin, liver cells, 161
aldehyde dehydrogenase, rat liver, 4-hydroxy-2,3-noneal, carcinogenesis, diethylnitrosamine, 7
alkylating agents, DNA intercalation, cytotoxicity, cytostatic effects, tetraploidy, flow cytometry, 181
Ames test, tobacco specific nitrosamines, mutagenicity, 173
antitumoral activity, xanthate, therapeutic studies, 149
antitumoral activity, xanthate derivative, monocarboxylic acids, in vitro, 143
arachidonic acid, MCF-7, breast cancer, 15-HPETE, lipoxygenase, cytotoxicity, 137

benzaldehyde, cell inactivation, *cis*-platinum, 63
bile salts, gastric carcinogenesis, proliferation, MNNG, catechol, sodium chloride, 117
breast cancer, MCF-7, arachidonic acid, 15-HPETE, lipoxygenase, cytotoxicity, 137
Breqinar Sodium (DUP-785), pyrimidine de novo, dihydroorotic acid dehydrogenase, growth inhibition, 123
5-bromouracil-fluorochrome, mycoplasmas, contamination 107
butylated hydroxytoluene, [³H]thymidine labeling, mitosis, Wistar rat, liver, urinary bladder, thyroid, 31

cancer inhibition, secretin, experimental pancreatic cancer, 57
carcinogenesis, rat liver, 4-hydroxy-2,3-noneal, diethylnitrosamine, aldehyde dehydrogenase, 7
catechol, gastric carcinogenesis, proliferation, MNNG, bile salts, sodium chloride, 117
cell differentiation, dimethylformamide, dimethylsulphoxide, hexamethylene bisacetamide, myelopoiesis, 37
cell inactivation, benzaldehyde, *cis*-platinum, 63
chemoprevention, mace, mouse liver, 87
chemoprevention, tobacco carcinogens, *N*-nitrosoamines, ellagic acid, 93
choline deficiency, hepatic PGE₂, liver tumor promotion, hypolipidemic agents, 129
cis-platinum, benzaldehyde, cell inactivation, 63
cisplatin, sparscomycin, L1210 leukemia, 153
cisplatin resistance, glutathione, glutathione-related enzymes, experimental ovarian carcinoma, 207

clomiphene, ethinyl estradiol, tamoxifen, γ -glutamyl-transpeptidase-positive foci, rat liver, 195
colon cancer, ploidy, prognosis, 213
contamination mycoplasmas, 5-bromouracil-fluorochrome, 107
cytochrome P-450, *N*-nitrosodimethylamine, metabolism, ethanol, human liver, 43
cytostatic effects, DNA intercalation, alkylating agents, cytotoxicity, tetraploidy, flow cytometry, 181
cytotoxicity, DNA intercalation, alkylating agents, cytostatic effects, tetraploidy, flow cytometry, 181
cytotoxicity, MCF-7, breast cancer, arachidonic acid, 15-HPETE, lipoxygenase, 137

diethylnitrosamine, rat liver, 4-hydroxy-2,3-noneal, carcinogenesis, aldehyde dehydrogenase, 7
dihydroorotic acid dehydrogenase, pyrimidine de novo, Breqinar Sodium (DUP-785), growth inhibition, 123
dimethylformamide, cell differentiation, dimethylsulphoxide, hexamethylene bisacetamide, myelopoiesis, 37
dimethylsulphoxide, cell differentiation, dimethylformamide, hexamethylene bisacetamide, myelopoiesis, 37
DNA adduct, esophagus, liver, immunocytochemistry, nitrosamine, organotropism, 21
DNA intercalation, alkylating agents, cytotoxicity, cytostatic effects, tetraploidy, flow cytometry, 181
DNA synthesis, ear edema, protein synthesis, elongation factor 2, 113

ear edema, DNA synthesis, protein synthesis, elongation factor 2, 113
ellagic acid, tobacco carcinogens, *N*-nitrosoamines, chemoprevention, 93
elongation factor 2, ear edema, DNA synthesis, protein synthesis, 113
enzyme altered foci, methapyrilene, rat liver, initiation, 189
esophagus, liver, immunocytochemistry, nitrosamine, DNA adduct, organotropism, 21
ethanol, *N*-nitrosodimethylamine, metabolism, cytochrome P-450, human liver, 43
ethinyl estradiol, clomiphene, tamoxifen, γ -glutamyl-transpeptidase-positive foci, rat liver, 195

- experimental ovarian carcinoma, glutathione, glutathione-related enzymes, cisplatin resistance, 207
 experimental pancreatic cancer, secretin, cancer inhibition, 57
- fat composition, liposarcoma, 51
- flow cytometry, DNA intercalation, alkylating agents, cytotoxicity, cytostatic effects, tetraploidy, 181
- formaldehyde exposure, upper respiratory tract tumors, lung tumours, humans, rodents, 79
- gamma glutamyl transpeptidase, gene expression, mRNA, rat liver, 69
- gastric carcinogenesis, proliferation, MNNG, catechol, bile salts, sodium chloride, 117
- gene expression, gamma glutamyl transpeptidase, mRNA, rat liver, 69
- γ -glutamyltranspeptidase-positive foci, ethinyl estradiol, clomiphene, tamoxifen, rat liver, 195
- glutathione, glutathione-related enzymes, experimental ovarian carcinoma, cisplatin resistance, 207
- glutathione-related enzymes, glutathione, experimental ovarian carcinoma, cisplatin resistance, 207
- glutathione transferase subunit 7, lead nitrate, rat, 167
- growth inhibition, pyrimidine de novo, dihydroorotic acid dehydrogenase, Breqinar Sodium (DUP-785), 123
- hepatic PGE2, choline deficiency, liver tumor promotion, hypolipidemic agents, 129
- hexamethylene bisacetamide, cell differentiation, dimethylformamide, dimethylsulphoxide, myelopoiesis, 37
- 15-HPETE, MCF-7, breast cancer, arachidonic acid, lipoxygenase, cytotoxicity, 137
- humans, formaldehyde exposure, upper respiratory tract tumors, lung tumours, rodents, 79
- human liver, *N*-nitrosodimethylamine, metabolism, cytochrome P-450, ethanol, 43
- 4-hydroxy-2,3-noneal, rat liver, carcinogenesis, diethylnitrosamine, aldehyde dehydrogenase, 7
- 1-hydroxypyrene, pyrene, metabolism, urinary and faecal excretion, 15
- hypolipidemic agents, choline deficiency, hepatic PGE2, liver tumor promotion, 129
- immunocytochemistry, esophagus, liver, nitrosamine, DNA adduct, organotropism, 21
- immunotoxin, abrin, ricin, liver cells, 161
- initiation, methapyrilene, enzyme altered foci, rat liver, 189
- in vitro, xanthate derivative, monocarboxylic acids, antitumoral activity, 143
- kiwam, tobacco, *N*-nitroso compounds, 221
- L1210 leukemia, sparsomycin, cisplatin, 153
- lead nitrate, glutathione transferase subunit 7, rat, 167
- liposarcoma, fat composition, 51
- lipoxygenase, MCF-7, breast cancer, arachidonic acid, 15-HPETE, cytotoxicity, 137
- liver, butylated hydroxytoluene, [³H]thymidine labeling, mitosis, Wistar rat, urinary bladder, thyroid, 31
- liver, esophagus, immunocytochemistry, nitrosamine, DNA adduct, organotropism, 21
- liver cells, abrin, ricin, immunotoxin, 161
- liver tumors, orthoaminoasotoluol, transgenerational effect, transplacental treatment, 203
- liver tumor promotion, choline deficiency, hepatic PGE2, hypolipidemic agents, 129
- lung tumours, formaldehyde exposure, upper respiratory tract tumors, humans, rodents, 79
- mace, chemoprevention, mouse liver, 87 MCF-7, breast cancer, arachidonic acid, 15-HPETE, lipoxygenase, cytotoxicity, 137
- metabolism, *N*-nitrosodimethylamine, cytochrome P-450, ethanol, human liver, 43
- metabolism, pyrene, urinary and faecal excretion, 1-hydroxypyrene, 15
- methapyrilene, enzyme altered foci, rat liver, initiation, 189
- mitosis, butylated hydroxytoluene, [³H]thymidine labeling, Wistar rat, liver, urinary bladder, thyroid, 31
- MNNG, gastric carcinogenesis, proliferation, catechol, bile salts, sodium chloride, 117
- monocarboxylic acids, xanthate derivative, antitumoral activity, in vitro, 143
- mouse liver, mace, chemoprevention, 87
- mRNA, gamma glutamyl transpeptidase, gene expression, rat liver, 69
- mutagenicity, tobacco specific nitrosamines, Ames test, 173
- mycoplasmas, contamination 5-bromouracil-fluorochrome, 107
- myelopoiesis, cell differentiation, dimethylformamide, dimethylsulphoxide, hexamethylene bisacetamide, 37
- N*-nitrosoamines, tobacco carcinogens, chemoprevention, ellagic acid, 93
- N*-nitrosodimethylamine, metabolism, cytochrome P-450, ethanol, human liver, 43
- N*-nitroso compounds, kiwam, tobacco, 221
- neonatal exposure, zearalenone, pathology, uterine, vaginal, ovarian/mycotoxin/estrogen, 225
- nitrosamine, esophagus, liver, immunocytochemistry, DNA adduct, organotropism, 21

- organotropism, esophagus, liver, immunocytochemistry, nitrosamine, DNA adduct, 21
- orthoaminoasotoluol, liver tumors, transgenerational effect, transplacental treatment, 203
- ovarian/mycotoxin/estrogen, zearalenone, pathology, uterine, vaginal, neonatal exposure, 225
- pathology, zearalenone, uterine, vaginal, ovarian/mycotoxin/estrogen, neonatal exposure, 225
- ploidy, colon cancer, prognosis, 213
- prognosis, colon cancer, ploidy, 213
- proliferation, gastric carcinogenesis, MNNG, catechol, bile salts, sodium chloride, 117
- protein synthesis, ear edema, DNA synthesis, elongation factor 2, 113
- pyrene, metabolism, urinary and faecal excretion, 1-hydroxypyrene, 15
- pyrimidine de novo, dihydroorotic acid dehydrogenase, Breqinar Sodium (DUP-785), growth inhibition, 123
- rat, lead nitrate, glutathione transferase subunit 7, 167
- rat liver, 4-hydroxy-2,3-noneal, carcinogenesis, diethylnitrosamine, aldehyde dehydrogenase, 7
- rat liver, ethinyl estradiol, clomiphene, tamoxifen, γ -glutamyltranspeptidase-positive foci, 195
- rat liver, gamma glutamyl transpeptidase, gene expression, mRNA, 69
- rat liver, methapyrilene, enzyme altered foci, initiation, 189
- ricin, abrin, immunotoxin, liver cells, 161
- rodents, formaldehyde exposure, upper respiratory tract tumors, lung tumours, humans, 79
- secretin, experimental pancreatic cancer, cancer inhibition, 57
- sialic acid, thyroid cancer, tumor marker, 1
- sodium chloride, gastric carcinogenesis, proliferation, MNNG, catechol, bile salts, 117
- sparscomycin, cisplatin, L1210 leukemia, 153
- tamoxifen, ethinyl estradiol, clomiphene, γ -glutamyl-transpeptidase-positive foci, rat liver, 195
- tetraploidy, DNA intercalation, alkylating agents, cytotoxicity, cytostatic effects, flow cytometry, 181
- therapeutic studies, xanthate, antitumoral activity, 149
- [3 H]thymidine labeling, butylated hydroxytoluene, mitosis, Wistar rat, liver, urinary bladder, thyroid, 31
- thyroid, butylated hydroxytoluene, [3 H]thymidine labeling, mitosis, Wistar rat, liver, urinary bladder, 31
- thyroid cancer, sialic acid, tumor marker, 1
- tobacco, kiwam, *N*-nitroso compounds, 221
- tobacco carcinogens, *N*-nitrosoamines, chemoprevention, ellagic acid, 93
- tobacco specific nitrosamines, mutagenicity, Ames test, 173
- transgenerational effect, orthoaminoasotoluol, liver tumors, transplacental treatment, 203
- transplacental treatment, orthoaminoasotoluol, liver tumors, transgenerational effect, 203
- tumor marker, sialic acid, thyroid cancer, 1
- upper respiratory tract tumors, formaldehyde exposure, lung tumours, humans, rodents, 79
- urinary and faecal excretion, pyrene, metabolism, 1-hydroxypyrene, 15
- urinary bladder, butylated hydroxytoluene, [3 H]thymidine labeling, mitosis, Wistar rat, liver, thyroid, 31
- uterine, zearalenone, pathology, vaginal, ovarian/mycotoxin/estrogen, neonatal exposure, 225
- vaginal, zearalenone, pathology, uterine, ovarian/mycotoxin/estrogen, neonatal exposure, 225
- Wistar rat, butylated hydroxytoluene, [3 H]thymidine labeling, mitosis, liver, urinary bladder, thyroid, 31
- xanthate, antitumoral activity, therapeutic studies, 149
- xanthate derivative, monocarboxylic acids, antitumoral activity, in vitro, 143
- zearalenone, pathology, uterine, vaginal, ovarian/mycotoxin/estrogen, neonatal exposure, 225



Author Index

Volume 46

Aceto, A.	7	Gettbarn, G.	15
Allaire, L.	3	Ghia, M.	195
Amelizad, S.	3	Glauert, H.P.	189
Amonkar, A.J.	173	Griffiths, S.A.	69
Amtmann, E.	143, 149	Grimmer, D.	15
Appel, K.E.	43	Gschwendt, M.	113
		Gupta, C.	129
Banks, M.	129		
Beneytout, J-L.	137	Hassan, H.T.	37
Berdel, W.E.	143, 149	Hatemi, H.	1
Bern, H.A.	225	Heinrich, U.	15
Bhide, S.V.	173	Hofs, H.P.	153
Biocca, M.E.	7		
Boutet, M.	93	Jacob, J.	15
Briggs, D.	31		
Brune, H.	15	Kapuscinski, J.	181
Burroughs, C.D.	225	Karpinski, K.	31
Busch, R.	149	Kazakoff, K.	57
		Kittstein, W.	113
Calorini, L.	107	Knipping, G.	51
Canuto, R.A.	7	Kökoglü, E.	1
Carter, S.P.	181	Kumari, M.V.R.	87
Castonguay, A.	93		
Charest, M.	93	Laurense, E.	123
Chen, G.	207	Ledda-Columbano, G.M.	167
Clayson, D.B.	31	Lok, E.	31
Columbano, A.	167		
Cumber, A.J.	161	Manson, M.M.	69
		Marks, F.	113
Danhauser-Riedl, S.	143, 149	Mazzini, G.	213
Danova, M.	213	Mereto, E.	195
Darzynkiewicz, Z.	181	Mills, K.T.	225
de Kant, E.	123	Mohtashamipur, E.	15
Den Engelse, L.	21	Muzio, G.	7
di Ilio, C.	167		
Dianzani, M.U.	7	Najid, A.	137
Dionigi, P.	213	Nera, E.A.	31
Dornish, J.M.	63	Norpoth, K.	15
Federici, G.	167	Oesch, F.	43
Fiocca, R.	213	Ohgaki, H.	117
Frei, E.	207		

Paddle, G.M.	79	Schick, H.D.	143, 149
Padma, P.R.	173	Schoepke, M.	43
Parnell, G.D.	161	Scivetti, P.	213
Peters, G.J.	123	Shinozuka, H.	129
Pettersen, E.O.	63	Skilleter, D.N.	161
Pinedo, H.M.	123	Steinhauser, G.	143
Pitot, H.C.	189	Steinhauser, G.	149
Popova, N.V.	203	Sugimura, T.	117
Popper, H.	51	Szentirmay, Z.	117
Pott, F.	15		
Pour, P.M.	57	Take, M.	117
Preussmann, R.	221	Tixier, M.	137
Price, R.J.	161	Tricker, A.R.	221
Purchase, I.F.H.	79		
		Uslu, E.	1
		Uslu, I.	1
Rao, A.R.	87		
Rastetter, J.	143, 149	Van Den Berg, T.	21
Rees, J.K.H.	37	Vermeulen, E.	21
Reichert, A.	143		
Reichert, A.	49	Wagener, D.J.T.	153
Riccardi, A.	213	Watanabe, K.A.	181
Rosignol, G.	93	Wenzel-Hartung, R.	15
Ruggieri, S.	107	Williams, B.A.	225
Rühl, C.S.	43	Winterwerp, H.H.K.	21
Sauer, G.	143, 149	Zeller, W.J.	207
Scherer, E.	21	Zylicz, Z.	153

